# PROFILO 1000
# Z 20° - 50°

DTS

The Lighting Company

User's manual ver. 1.1

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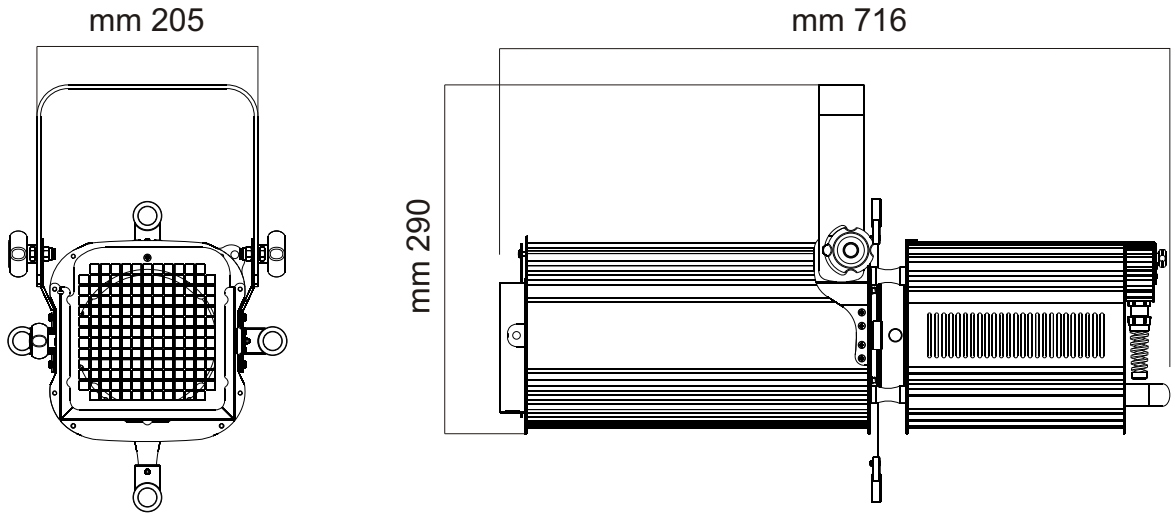
**MADE IN ITALY**

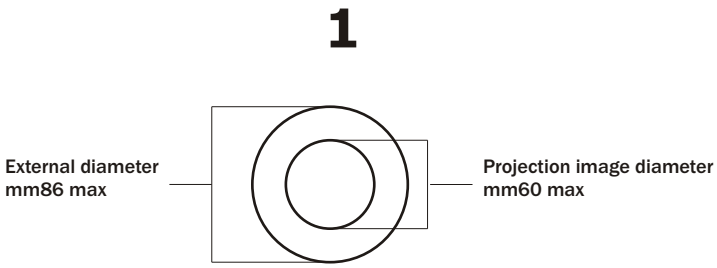
1- TECHNICAL FEATURES

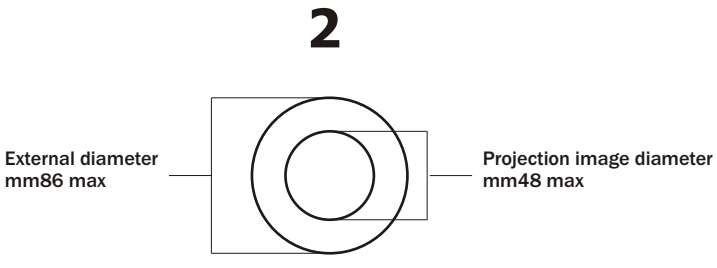
Voltage: 230V 50/60 Hz
Lamp socket:GX9,5  1000 W Lamp
IP grade protection: IP20
Steel boby with aluminium parts
2 lenses optic condenser
Linear Focus
Linear Zoom: 20°- 50 °
Metal Filter Holder: 185mm * 185mm
Metal protection grid
No internal Fans
Internal rotating profiler built up with four indipendent steel blades
Two internal microswitch for automatic unit switch during lamp substitution procedure
Weight : 15 Kg
Dimensions:




ACCESSORIES
Iris (cod. 03.TA2001)
Gobo holder (cod. 03.TA202) type “B”
Safety cable mm 3*600mm  (cod. 0521A010)
Filters
C clamp G60 black (cod. 0521A004).
C clamp G60 chrome( 0521A004.20)

Gobo dimension



2- IMPORTANT SAFETY INFORMATIONS

2.1 Fire prevention:

- PROFILO 1000 uses a GX9,5 1000W lamp.
-Never locate the fixture on any flammable surface.
-Minimum distance from flammable materials: 1 MT.
-Minimum distance from the closest illuminable surface: 1 MT.
-Connect the projector to mains power via a thermal magnetic circuit breaker.

2.2 Prevention of electric shock:

-High voltage is present inside the unit. Unplug the unit prior to performing any function which involves touching the inside of the projector, including lamp replacement.
-The level of technology present in the PROFILO 1000 requires the assistance of specialised personnel for all servicing. Please refer to an authorised DTS service centre.
-A good earth connection is essential for proper functioning of the projector.
-Never connect the unit without proper earth connection.
-The fixture should be located in places with a good air ventilation.
Never look directly into the lamp when it is on.

2.4 Safety:

-The projector should always be installed with bolts, clamps and other tools that are capable of supporting the weight of the unit.
-Always use a second safety cable to sustain the weight of the unit in case of the failure of the main fixing point.
-The external surface of the unit, at various points, may exceed 150°C. Never handle the unit until at least 15 minutes have elapsed since the lamp was turned off.
-Always replace the lamp if any physical damage is evident.
-Never install the fixture in an enclosed area lacking sufficient air flow. The ambient temperature should not exceed 35°C.
-A hot lamp may explode, so always wait for at least 15 minutes prior to attempting to replace the lamp.
-Always wear suitable hand protection when handling the lamp.

2.5 Level of protection against the penetration of solid and liquid matter:

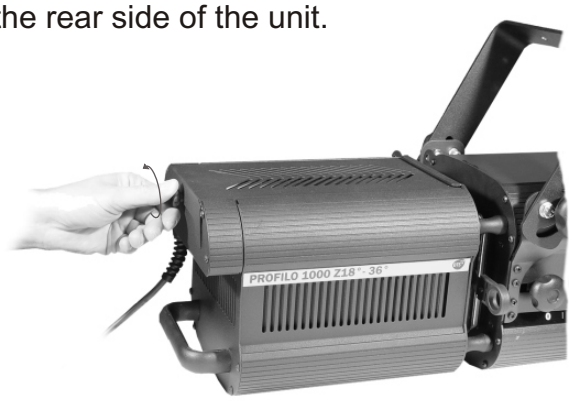
-The projector is classified as an ordinary appliance and its protection level against the penetration of solid and liquid matter is IP 20.

3- MOUNTING THE LAMP

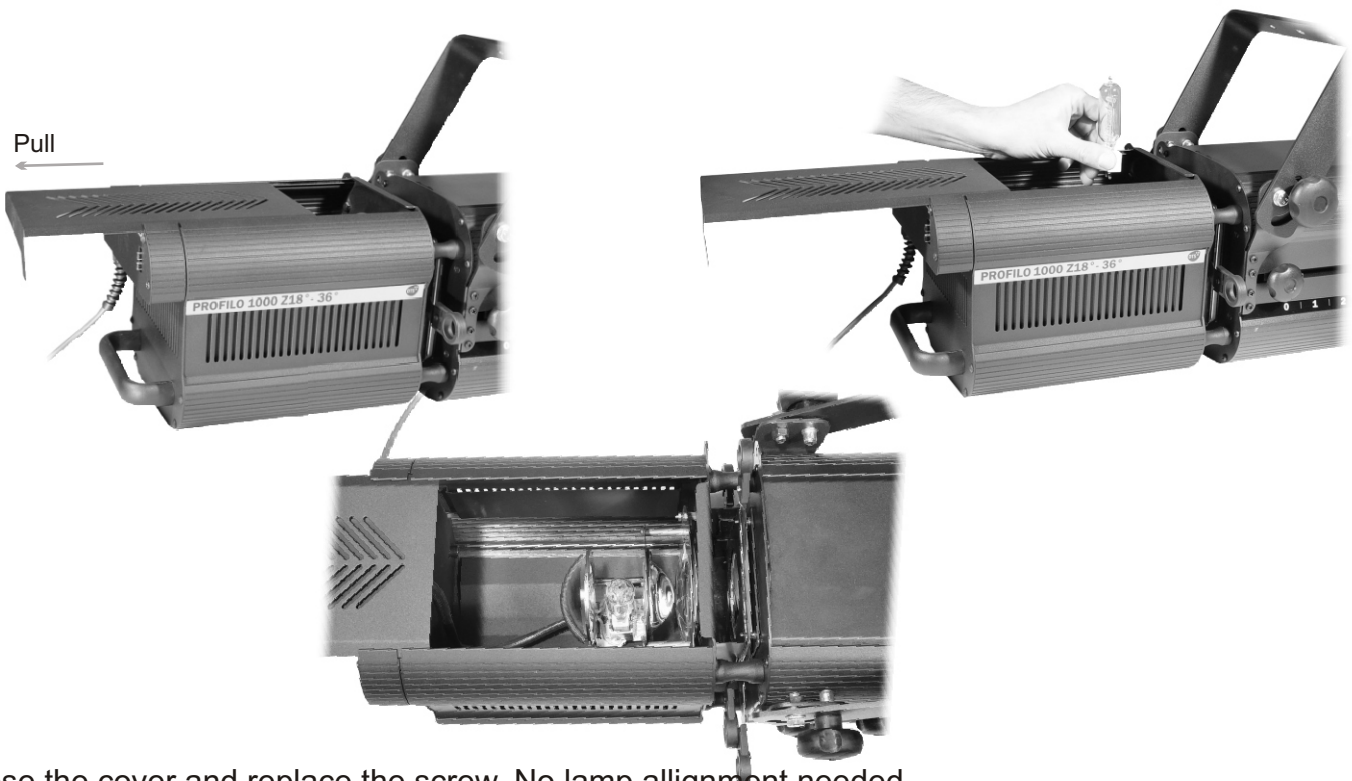
**Warning: Switch off the unit before replacing the lamp.**

Lamp:
CP70 GX9.5 1000W 230/240V 25000 Lm 3200 °K Life time 200 hours
T19 GX9.5 1000W 230/240V 21000 LM 3050 °K Life time 750 hours

1): Loose the screw located on the rear side of the unit.




2)Open the top rear cover and insert the lamp.
The lamp used is manufactured from quartz glass and should be handled with care. Always adhere to the instructions supplied in the lamp's packaging. Never touch the glass directly but use the tissue provided in the lamp's packaging. The GX 9.5 lampbase is symmetrical.
DO NOT USE UNDUE FORCE ON THE GLASS. In case of difficulty, re-read the instructions and repeat the procedure.



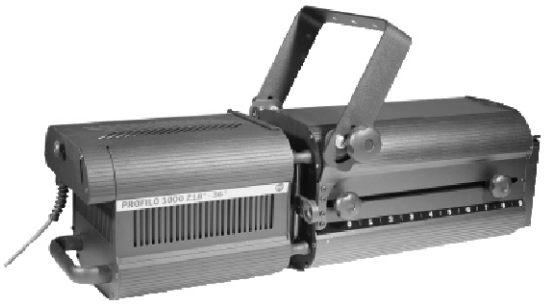

Close the cover and replace the screw. No lamp allignment needed

4- VOLTAGE AND FREQUENCY:

Profilo 1000 can operate at 230V 50 - 60 Hz.

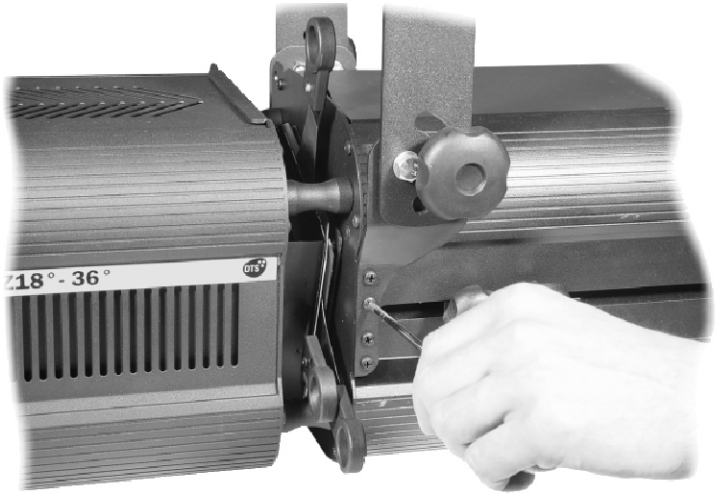
5- INSTALLATION:
PROFILO 1000 may be either floor or ceiling mounted.
For ceiling mounted installations, we reccomend the use of appropriate clamps to fix the unit to the mounting surface.A safety cable must always be present

5.1 Ceiling installation



5.2 Floor installation

By Using a screw driver, remove the three screws fixing the bracket on both side of the unit.
Rotate the bracket by 180 ° and replace it on the opposite side of the unit.
Replace the screws.



5.3 Risk of fire:

Each fixture produces heat and must be installed in a well-ventilated place. The minimum recommended distance from flammable material is 1 MT. Minimum distance from the object being illuminated is 1,5 MT. Heat dispertion is done by natural ventilation,no fans installed inside the unit.

WARNING: The rear side of the unit,can reach very high temperature,
Handle the projector with extreme caution

5.5 Ambient temperature:

The projector should never be installed in places that lack a constant air flow. The ambient temperature should NOT exceed 35°C.

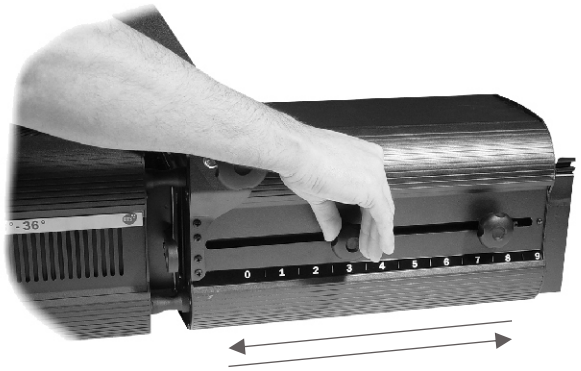
6- MAINS CONNECTION
PROFILO 1000 can operate at 230 VOLT 50-60 Hz.Prior to connecting the unit to your mains supply, ensure that the model in your possession correctly matches the mains supply available. For connection purposes, ensure that your plug is capable of supporting 6 amps at 230V,
Strict adherence to regulatory norms is strongly recommended.

6.1 Protection:
The use of a thermal magnetic circuit breaker is recommended for each PROFILO 1000.
A good earth connection is essential for the correct operation of the projector..

7) PROJECTOR USE

7.1 Focus and Zoom adjustment.

In the front side of the unit are located the lenses for Focus and zoom adjustment.
Place the projector on the object to illuminate,loose the fixing lenses screws, adjust the lens position till the projection is whell focused on the object.Thighten the screws.The aluminiun external label with the numers 0-9,indicates the actual position of the lenses ,the numbers are not indicatind the beam opening angle in degree.

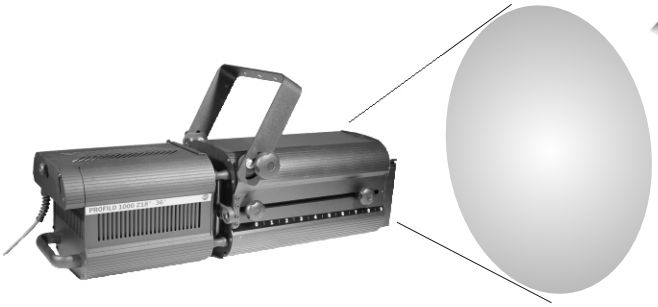


Zoom and Focus movement

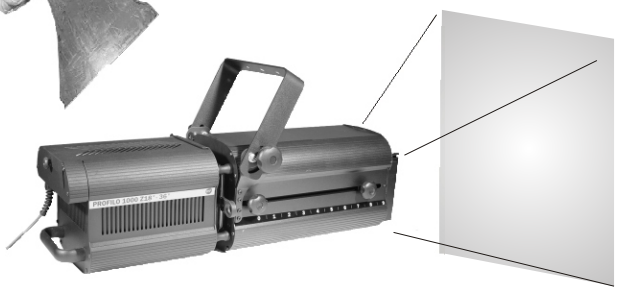
7.2 Blades

Prifilo 500 is provided with four indipendent steel blades.Blades holder can rotate 90° left-right.
The blades let you create geometrical figures with the light.

Blade



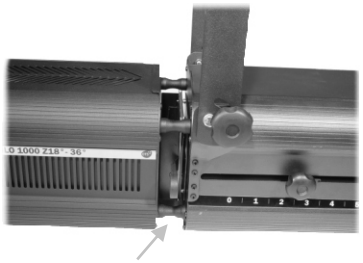
Light beam with no blades inserted



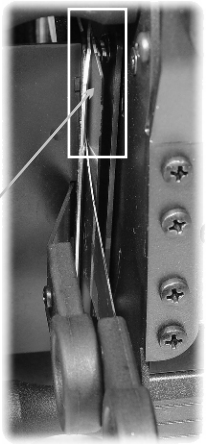
Light beam with blades inserted

7.3 Blades insertion

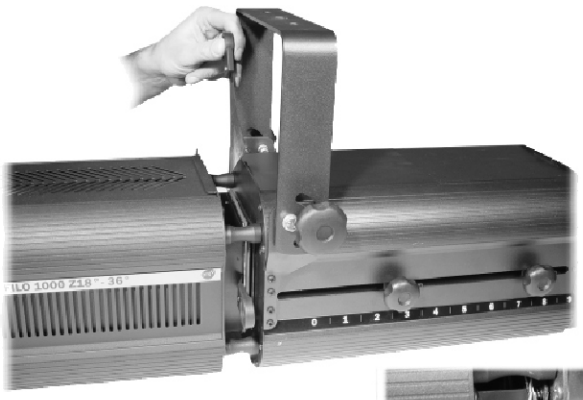
To insert the blades in the holder,proceed as follow:
ocate the blades holder,place one side of the blade within the two parallel surfaces,push and tilt it on the guideL.

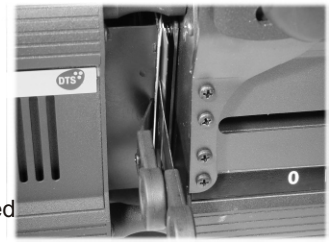


Blades holder



Parallel surfaces

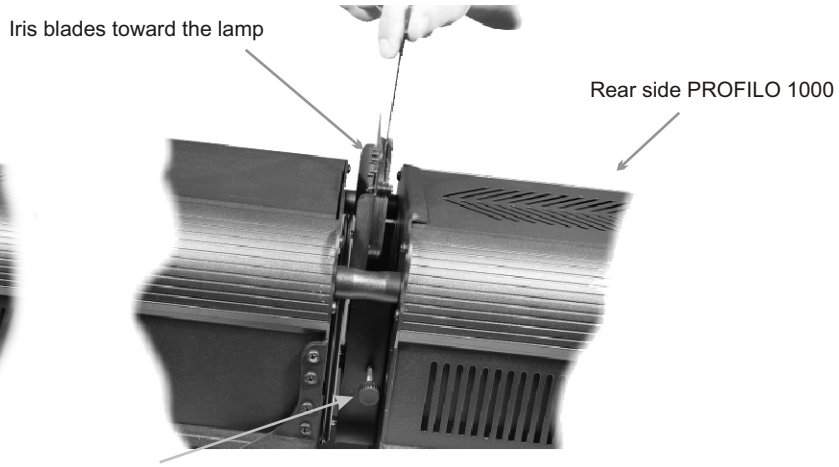




Blade inserted

7.4 Accessories use (iris and gobo holder)
Profilo 1000 can be provided also with iris and type B gobo holder

7.5 Iris insertion
Insert the iris in the support and lock it with the screw located on the left side.




Iris/Gobo holder lock screw

7.6 Gobo holder insertion
Insert the gobo in the support and lock it with the screw located on the left side.

8) **Opening the projector housing:**

It is possible to inspect the inside of the projector by the metal cover on the top of the projector
**Attention:**
REMOVE MAINS POWER PRIOR TO ACCESSING THE PROJECTOR'S INTERNAL COMPONENTS.

FRONTAL PART (FOCUS-ZOOM lens)
For to open frontal part to move the metal covers

9) **PERIODIC CLEANING AND CONTROL**

**9.1- Lenses and reflectors**
Even a fine layer of dust can substantially reduce the luminous output . Regularly clean all lenses and the reflector using a soft cotton cloth, dampened with a specialist lens cleaning solution.

**9.2- PERIODIC CONTROLS**

**Lamp**
The lamp should be replaced if there is any visible damage or deformation due to heat. This will help to avoid the danger of the lamp exploding.
**Mechanical parts**
Periodically check all mechanical parts, replacing them if necessary.
**Electrical components**
Check all electrical components for correct earthing and proper micro-switches.

Micro-switches

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D.T.S. quality system
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ISO 9001:2000 standard

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D.T.S. products are designed
and manufactured at the D.T.S.
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